



# BEAUMARIS YACHT CLUB INC.

THE FORESHORE RICKETTS POINT

[www.beaumarisyc.com](http://www.beaumarisyc.com)

ABN: 36 914 359 582 Reg: A000 3108W

PO Box 16 Black Rock Vic 3193

Ph: 03 9589 6222



Commodore: Ian McHugh.

Version: 10/9/07

## Basic Process for rigging a two man club PACER.

### Rigging:

- Position boat on a flat and stable surface on its beach cradle or trailer with the bow into the wind.



- Lay the mast along the boat with the top of the mast towards the bow. Untie the shrouds and ensure they are not tangled. Fit the mast head wind indicator.
- "LOOK UP and live". Before raising the mast ensure there are no power lines overhead.
- Stand mast upright. Fit mast foot into the mast step in the boat. Hold mast upright and pull the forestay forward to the bow fitting. The forestay is one of three stainless steel wires running down the mast and is identified by the short piece of rope attached to it. The other two wires (the shrouds) will have chain plates attached. With tension on the forestay, the mast sitting in the mast step and in the mast gate it should stay there and will not fall.
- Tie the forestay to the bow fitting but let the mast fall back to the very back of the mast gate. (rear hole in some bow

fittings) This will allow plenty of slack to fit the two shrouds.

- Fit the shrouds. Ensure they are not tangled.
- The mast should now be standing but with little tension on the shrouds or rigging.
- Fit the Jib foot to the bow fitting. On boats with a multi position bow fitting tie the mast forestay to the rear hole and the jib to the front hole.
- Take the jib halyard and fit it to the top of the jib. Ensure jib halyard is free and clear to run.
- Tension jib halyard down the mast, either via multiple purchase pulley or the eye at the end of the stainless steel wire section. This will raise the jib to the mast and apply the necessary rig tension to the boat. Cleat jib halyard off and tidy up excess.
- Ensure the top of the jib is not twisted and fit the jib down haul.
- Re adjust the mast halyard at the bow fitting to remove excess slack.
- Furl jib up around the forestays and fit the jib sheet. This will keep the jib tidy while the rest of the boat is rigged.
- Fit the main halyard to the top of the main sail. Ensure the main batten is fitted correctly.
- Insert main sail bolt rope into mast track and raise main sail up the mast. Tie off main halyard. This can be relatively slack until the sail is completely rigged.
- Fit the goose neck fitting to the foot of the main sail.
- Slide the boom onto the main sail from the clew and fit the boom to the goose neck. *Be wary of the main sail flogging and in particular the clew slug hitting you. Remember the boat should be into the wind.*

- Fit the main sail out haul. Tension to allow sail shape to be maintained.
- Fit the boom vang to the base of the mast and to the boom.
- Fit the main sail down haul.
- Re tension the main sail halyard to just induce a small crease up the sail.
- Fit the rudder box and rudder.
- Fit the tiller and extension. Ensure locking pins are in place.
- Check all bungs and hatch covers are in place and there is a bailer on board
- Check operation of all sheets.

### Launching:

- **SIGN-ON.** (always write on the sign on sheet the number on the sail.)
- Unfurl sails.
- Ensure both jib and main sheets are not cleated and free.
- Ensure bailers are closed.
- Pull the boat into the water, facing into the wind if possible, and slide it off the beach cradle. Crew takes cradle back to shore.
- The Skipper holds the boat into the wind and releases the center board securing strap or shock cord. Push center board down a little.
- Discuss how you intend to sail from the beach in the prevailing wind conditions. IE: Plan your departure.
- Crew gets into boat and generally sits astride the centre board case. Jib sheet in hand but with jib off.
- Skipper goes around to the back of the boat and pushes rudder blade down as far as possible, pushes boat away from the shore and climbs in over stern.
- Ease the sails on to gain way. Push center board down a little more. If the center board is not partly down the boat will go side ways and will not make head way.
- How boats leave the beach will be subject to the prevailing wind conditions. The launching area at Beaumaris is in a protected lagoon and accordingly waves are not normally an issue. However boats must negotiate the Reef before fully extending both center boards and rudders. The boats will not handle well with the center board and rudder partly down so *care is required*. Navigate the Reef by either sailing between the two orange markers directly off the Club or around the northern marker. Once well clear of the reef, (approx 50Mtrs) both centre board and rudder can be pushed right down and **LOCKED**.

### Retrieving:

- Before getting to the Reef decide the best way to navigate it. This will be subject to the wind strength and direction. Try and run or reach through the Reef opening. This is much easier with the center board and rudder ½ up.
- Approx 50 mtrs from the Reef markers unlock and half raise the center board. Unlock the rudder blade and ease it up a little and ensure the bailers are closed.
- Arrive at the beach in a controlled manner and turn the boat into the wind near the shore. Release jib and mainsheets. Skipper steps out, holds the boat while crew gets out. Crew secures the centre board. Skipper fully raises the rudder blade.
- Crew gets the beach cradle into the water with it facing the beach.
- Skipper drops mainsail. Wraps jib up around forestay or drops it completely.
- Slide boat onto cradle and pull cradle and boat up onto dry land.
- If the boat has water in it, as soon as the boat is clear of the water open the cockpit bailers and remove any transom bungs. Water is very heavy and excess water in the boat will

damage either the boat or cradle. The water needs to be removed at the earliest opportunity before being brought right up the beach.

- *ONCE ASHORE preferably the SKIPPER must SIGN-OFF.*
- De Rig boat. Reverse to rigging.
- Lace up mast halyards, shrouds etc in a neat manner. Remove mast head flag and put in boat.
- Wash boat and mast.
- If sails are dry, roll them up and place in boat after it has been washed.
- If sails are wet simply lay them out in the boat.
- Store boat in storage rack.
- Store mast in rescue boat area.

*If there have been any breakages, losses or problems with the Club Boat please inform the instructor if its during a club training session or fill out the club Maintenance – Fault report sheet so that it can be repaired prior to the next use.*

